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5

## SEAL INTEGRITY DETECTION SYSTEM

### ABSTRACT OF THE DISCLOSURE

A seal integrity verification system is provided that scans for changes in impedance in a seal with integral coaxial waveguide, twisted pair wires, parallel  
10 ribbon wires or parallel wires. The wires are monitored by a TDR to note changes in impedance. The changes indicate the location where the seal is not under proper compression to ensure a tight fit. This is especially useful in verifying that watertight doors on ships or submarines are sealing properly when shut.